

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A dental bleaching agent set comprising[[:]]:

a first component for ~~previously attaching~~ applying to a tooth surface comprising an organic solvent containing at least one of ~~a titanium oxide powder~~, a nitrogen doped titanium oxide powder[[:]] and a titanium oxinitride powder ~~having photocatalytic activities~~ which is photocatalytic in the visible spectral region; and

a second component for ~~contacting~~ applying to the tooth surface after the first component comprising a compound that produces hydrogen peroxide in water, a thickener, and a carrier.

Claim 2 (Currently Amended): The dental bleaching agent set as claimed in claim 1, wherein the content of ~~at least one of the titanium oxide powder, the nitrogen doped titanium oxide powder, and the titanium oxinitride powder~~ is 0.001 ~ 30% by weight based on the total weight of the composition.

Claim 3 (Currently Amended): The dental bleaching agent set as claimed in claim 1 ~~or claim 2~~, wherein the titanium oxinitride powder has a Ti--O--N structure containing nitrogen in its crystalline lattices, ~~and exhibits photocatalytic activities in the visible spectral region~~.

Claim 4 (Currently Amended): The bleaching agent set as claimed in claim 1, wherein the at least one of the ~~titanium oxide powder~~, the titanium oxinitride powder[[:]] and the titanium oxinitride powder carries ceramics on the surface thereof in an island form, an acicular form, or a mesh form.

Claim 5 (Currently Amended): The bleaching agent set as claimed in claim 3 ~~or claim 4~~, wherein at least one of the ~~titanium oxide powder~~, the titanium oxinitride powder[[,]] and the titanium oxinitride powder carries a charge separation substance on the surface thereof.

Claim 6 (Currently Amended): The bleaching agent set as claimed in ~~one of the claim 1 to claim 5~~, wherein the first component further ~~contains~~ comprises one or more of a metal oxide, a metal salt, and a metal powder.

Claim 7 (Currently Amended): The bleaching agent set as claimed in claim 6, wherein the content of one or more of the metal oxide, the metal salt, and the metal powder is 0.001 ~ 10% by weight based on the total weight of the composition.

Claim 8 (Currently Amended): The bleaching agent set as claimed in ~~one of the claim 1 to claim 7~~, wherein the first component further ~~contains~~ comprises 0.5 ~ 20% by weight of a thickener based on the total weight of the composition.

Claim 9 (Currently Amended): The bleaching agent set as claimed in ~~one of the claim 1 to claim 8~~, wherein the first component further ~~contains~~ comprises water.

Claim 10 (Currently Amended): The bleaching agent set as claimed in ~~one of the claim 1 to claim 9~~, wherein at least one of the first component and the second component has a pH value of 5.0 ~ 10.0.

Claim 11 (Currently Amended): The bleaching agent set as claimed in ~~one of the~~ claim 1 to ~~claim 10~~, wherein the second component consists of 1 ~ 40% by weight of the compound that produces hydrogen peroxide in water, 0.5 ~ 20% by weight of the thickener, and the balance being the carrier.

Claim 12 (Currently Amended): A dental bleaching method comprising the steps of:
~~attaching~~

applying, to teeth surface, a first component comprising an organic solvent containing at least one of a ~~titanium oxide powder~~, a nitrogen doped titanium oxide powder[[,]] and a titanium oxinitride powder having photocatalytic activities which is photocatalytic in the visible spectral region; and ~~contacting~~

applying, to the teeth surface after the first component, a second component comprising a compound that produces hydrogen peroxide in water, a thickener, and a carrier; and irradiating light on the teeth surface.

Claim 13 (Currently Amended): A dental bleaching method comprising the steps of:
~~attaching~~

applying a first component on teeth surface; ~~contacting~~
applying, to the teeth surface after the first component, a second component; and irradiating light on the teeth surface,
wherein the first component ~~comprising~~ comprises an organic solvent containing 0.001 ~ 30% by weight based on the total weight of the composition of at least one of a ~~titanium oxide powder~~, a nitrogen doped titanium oxide powder[[,]] and a titanium oxinitride powder having photocatalytic activities which is photocatalytic in the visible spectral region,

and 0.001 ~ 10% by weight based on the total weight of the composition of one or more of a metal oxide, a metal salt and a metal powder[$[\cdot]$]; and

wherein the second component ~~comprising~~ comprises 1 ~ 40% by weight of a compound that produces hydrogen peroxide in water, 0.5 ~ 20% by weight of a thickener, and a carrier, the balance being the carrier.